

Science and Children

ANNUAL INDEX

Volume 25

September 1987-May 1988

AUTHOR INDEX

- Ackerman, Bonnie and Nancy Gumbinner. *Fish Talk*. (In the Schools) Apr 88:37
- Adams, Dennis and Mary Hamm. . . . *About Teaching Nuclear War*. (What Research Says) Mar 88:37-38
- Alexander, Lisa K. *Tonsil Tongs*. (Early Childhood) Jan 88:23
- Anderson, Lucia. *Does Microbiology Belong in Elementary Schools?* Sept 87:26-28
- Appel, Gary. *Guess, Test, Tell*. (Helpful Hints) May 88:29
- Ault, Charles R., Jr. *The Museum as Science Teacher*. Nov/Dec 87:8-11
- Barman, Charles R. *Soil of the Earth*. Jan 88:38-39
- Barrow, Mary Reid. *Up the Creek*. May 88:24-27
- Batch, David D. *Evening Skies*. (monthly)
- Bauerle, Bruce. *Escape from the Classroom*. (In the Schools) Oct 87:38
- Beaney, Mary L. *Microbiology for First Graders*. Sept 87:23-25
- Beatty, William J. *Reflections on Refraction*. May 88:18-20
- Beckemeier, Wendy E. *PWEEPlE to PWEEPlE*. (In the Schools) Mar 88:21
- Beisel, Raymond W. *Science Leadership*. (In the Schools) Apr 88:37
- Belle, Bob, Scott Jackson, and Katie Sullivan. *Okay, Kids, Everyone into the Pit!* May 88:15-17
- Bellipanni, Lawrence J. *Demise of the Inchworm*. (Helpful Hints) May 88:30
- Benson, Chelle. (Letters) Sept 87:5
- Blackwood, Paul. (Letters) Feb 88:23
- Bodkin, Beth, Linda Whren, and Ken Mechling. *Sabbatical Leave Science*. Sept 87:16-17
- Brown, Madalyn and Jeffrey R. Lehman. *The Reigning Monarchs*. Apr 88:12-14
- Browne, Kathleen W. *The Body Transparent*. (Helpful Hints) May 88:31
- Butler, Gene. (Letters) Apr 88:4
- Butzow, Carol and John Butzow. *Facts from Fiction*. Mar 88:27-29
- Butzow, John and Carol Butzow. *Facts from Fiction*. Mar 88:27-29
- ByLee, Rodger W. et al. . . . *About the New Science Curricula*. (What Research Says) May 88:35-39
- Cain, Marilyn Fowler. *Hot Diggety Dog*. Nov/Dec 87:22-23
- Chandler, Annette. *A-Mapping We Will Go*. Jan 88:17
- Chase, Valerie. (Letters) Sept 87:5
- Contreras, Norma and Carol Lloyd. *Science Inside-Out*. (What Research Says) Oct 87:30-31
- Cook, Lorne. *Highest Tech Science*. (In the Schools) Mar 88:19
- Corley, Brenda and Dale Rice. *Talking Rocks*. Oct 87:15-17
- Crichton, Wally. *Making Connections*. Feb 88:16-18
- Croll, Doreen A. *Did Dinosaurs Die of Cress?* (Helpful Hints) May 88:30
- Crow, Linda W. *Science Saves Johnny*. Oct 87:37
- Dalton, Dwight J. *Down the Drain*. (Helpful Hints) May 88:30
- Davis, Alan and Henry Speer. *From 4th Grade to College*. (In the Schools) Mar 88:21
- Dukes-Bevans, Lenell and Ava F. Pugh. *Planting Seeds in Young Minds*. Nov/Dec 87:19-21
- Ellison, Jane. *What Is Orange Drink?* (Helpful Hints) May 88:28
- Feltham, Wendy and Katsunobu Furihata. *Going Japanese*. (In the Schools) Feb 88:27-28
- Fields, Judy. *Invention Fair*. (In the Schools) Oct 87:39
- Fields, Steve. *Introducing Science Research to Elementary School Children*. Sept 87:18-20; *The Measure of the Magnet*. Nov/Dec 87:12-13
- Fite, Kathy and Karen Ostlund. *Change and Children*. Jan 88:20-22
- Flower, David R. *Plastic Bottles*. (Helpful Hints) May 88:31
- Foley, Maeve Zamarchi. *What? Me Teach?* Jan 88:10-13
- Foster, June et al. . . . *About the New Science Curricula*. (What Research Says) May 88:35-39
- Friedl, Alfred E. (Letters) Sept 87:5
- Furihata, Katsunobu and Wendy Feltham. *Going Japanese*. (In the Schools) Feb 88:27-28
- Garcia, Jesus and Richard R. Powell. . . . *About Stereotypes*. (What Research Says) Feb 88:21-22
- Greenslade, Cleo B. *Buried Sunshine*. May 88:21-23
- Guerra, Clara J. *Pulling Science Out of a Hat*. Mar 88:22-26
- Gumbinner, Nancy and Bonnie Ackerman. *Fish Talk*. (In the Schools) Apr 88:37
- Gwynn, Mary Loleta. *A Growing Phenomenon*. Apr 88:25-26
- Halkitis, Perry N. *17 Years in the Life*. Sept 87:15
- Hamilton, Patti and David Van Cleaf. *Taking Heart in Hand*. Feb 88:30-31
- Hamm, Mary and Dennis Adams. . . . *About Teaching Nuclear War*. (What Research Says) Mar 88:37-38
- Hanebutt, Lois M. *Yuck Buckets*. (In the Schools) Nov/Dec 87:40
- Hanshumaker, William. *A Head for Chemistry*. Nov/Dec 87:24-26
- Harbster, David A. *Air Apparent*. May 88:12-14
- Hare, Donna. *Phantom Johnny, Real Science*. Oct 87:34-36
- Hechtman, Judi. *Students Ahoj*. (In the Schools) Mar 88:20-21
- Heilman, Martha and Richard McQueen. *Fair Test*. (Helpful Hints) Apr 88:30
- Hein, George E. *The Right Test for Hands On Learning?*. Oct 87:8-12; See Letters Mar 88:6
- Hermann, Carolyn. *Through the Magnifying Glass*. Nov/Dec 87:36-38
- Higle, Susan. *Teachers for a Day*. (In the Schools) Nov/Dec 87:41
- Hilke, Eileen. *A Snake in the Class*. Mar 88:34-35
- Howard, Joe. *Telling Ain't Teaching*. (Helpful Hints) May 88:28
- Hughes, E. Thomas and Meredith Sayles Hughes. *Planting a Museum*. Oct 87:22-23
- Hughes, Meredith Sayles and Thomas E. Hughes. *Planting a Museum*. Oct 87:22-23
- Iona, Mario. *Reflections on Refraction*. May 88:18-20
- Jackson, Elizabeth and Danielle Kahane. *Lights! Cornet! Action!* Feb 88:13-15
- Jackson, Margaret E. *Trash or Treasure?* (Helpful Hints) Apr 88:29
- Jackson, Scott, Bob Belle, and Katie Sullivan. *Okay, Kids, Everyone into the Pit!* May 88:15-17
- Janke, Delmar and Ann Landry. *O Christmas Tree*. (In the Schools) Nov/Dec 87:39-40
- Jones, Clare B. and Kathryn E. Shafer. *Simple Science*. (Early Childhood) Oct 87:32-33
- Jothibai, H. (Letters) Jan 88:4
- Julyan, Candace L. et al. . . . *About the New Science Curricula*. (What Research Says) May 88:35-39
- Kahane, Danielle and Elizabeth Jackson. *Lights! Cornet! Action!* Feb 88:13-15
- Kane, Michael et al. . . . *About the New Science Curricula*. (What Research Says) May 88:35-39
- Kaplan, Nancy. *Does It Have Long Ears?* (Helpful Hints) Apr 88:31; *Puddly and the Puddle*. Jan 88:35-37
- Kepler, Lynne. *Date with Science*. (monthly, starting in Feb 88)
- Kibbey, Betty R. *All Bottled Up*. (Helpful Hints) Jan 88:22
- Kibbey, Betty and Mickey Sarquis. *Science Carnival*. (In the Schools) Apr 88:36
- Kogan, Pamela and Judith Weiss. *10 Routes to Discovery*. (Helpful Hints) Apr 88:31
- Kotar, Michael. *Firsthand Experience=Firsthand Knowledge*. May 88:40
- Kramer, David C. *Daddy Longlegs*. (The Classroom Animal) Oct 87:24-26; *Flour Beetles*. (The Classroom Animal) Feb:36-37; *Newts*. (The Classroom Animal) Nov/Dec 87:42-43; *Periodical Cicada a.k.a. The 17-Year Locust*. (The Classroom Animal) Sept 87:12-14
- Kyle, William C. et al. . . . *About the New Science Curricula*. (What Research Says) May 88:35-39
- Landes, Nancy M. et al. . . . *About the New Science Curricula*. (What Research Says) May 88:35-39
- Landry, Ann and Delmar Janke. *O Christmas Tree*. (In the Schools) Nov/Dec 87:39-40
- Lehman, Jeffrey R. and Madalyn Brown. *The Reigning Monarchs*. Apr 88:12-14
- Lightman, Alan and Philip Sadler. *The Earth Is Round? Who Are You Kidding?* Feb 88:24-26
- Lind, Karen K. and Mary Jo Milburn. *Mechanized Childhood*. (Early Childhood) Feb 88:32-33; *More for the Mechanized Child*. (Early Childhood) Mar 88:39-40
- Lingelbach, Jenepher. *Science, Naturally*. (In the Schools) Feb 88:28-29
- Linn, Marcia C. *An Apple a Day*. Nov/Dec 87:15-18
- Lloyd, Carol and Norma Contreras. *Science Inside-Out*. (What Research Says) Oct 87:30-31
- Matsumoto, Carolee et al. . . . *About the New Science Curricula*. (What Research Says) May 88:35-39
- McBride, John W. and Fredrick L. Silverman. *Judging Fairs Fairly*. Mar 88:15-18
- McGinnis, Shannon. *Bubbling Beakers*. (In the Schools) Oct 87:38
- McKee, Judy. *Rainbows*. (Helpful Hints) Apr 88:29
- McQueen, Dick. (Letters) Mar 88:4-6
- McQueen, Richard and Martha Heilman. *Fair Test*. (Helpful Hints) Apr 88:30
- McShane, Joan Braunagel. *The Royal Flush*. Sept 87:29-32
- Matta, Ann and Roland Rutter. *Science "Adoption"*. (In the Schools) Oct 87:39
- Mechling, Ken, Beth Bodkin, and Linda Whren. *Sabbatical Leave Science*. Sept 87:16-17
- Mechling, Kenneth R. and Donna L. Oliver. *Your Basic Principal of Science*. Mar 88:12-14
- Meisel, Linda and Suzanne Weber. *Construct-A-Gut*. Oct 87:27-29
- Milburn, Mary Jo and Karen K. Lind. *Mechanized Childhood*. (Early Childhood) Feb 88:32-33; *More for the Mechanized Child*. (Early Childhood) Mar 88:39-40
- Miller, Robert D., Robert C. Victor, and Jenny L. Pon. *Sky Calendar*. (monthly)
- Milson, James L. *How High Is Up?* Apr 88:18-20
- Mokros, Janice et al. . . . *About the New Science Curricula*. (What Research Says) May 88:35-39
- Morris, Linda J. and Edee Norman Wiziecki. *Snoop Meets*. (In the Schools) Mar 88:19
- Muente, Grace. *The Sun and the Golf Ball*. (Helpful Hints) Apr 88:30; *The 24-Hour Clock*. (Helpful Hints) Apr 88:30
- Munson, Howard. (Letters) Sept 87:5
- Nelson, Carolyn J. *Harvesting a Curriculum*. Apr 88:22-24
- Nelson, Don. *The Scientific Method: A Primer*. (Teaching Teachers) May 88:32-33
- O'Connor, James V. (Letters) Feb 88:23
- Oliver, Donna L. and Kenneth R. Mechling. *Your Basic Principal of Science*. Mar 88:12-14
- Ostlund, Karen and Kathy Fite. *Change and Children*. Jan 88:20-22
- Owens, Lina L. and Jean M. Shaw. *Weather—Beyond Observation*. (Early Childhood) Nov/Dec 87:27-28

Pahl, Jennifer. *River at Gunpowder*. (In the Schools) Apr 88:36

Perrine, Walter G. *No Ordinary Field Trip*. (In the Schools) Nov/Dec 87:39

Petty, Carolyn. *J-D Patpourri*. (Early Childhood) Apr 88:32-34

Podajil, Eugenie. *Homework Coupons*. (Helpful Hints) Feb 88:23

Pon, Jenny L., Robert C. Victor, and Robert D. Miller. *Sky Calendar*. (monthly)

Powell, Richard R. and Jesus Garcia. . . . *About Stereotypes*. (What Research Says) Feb 88:21-22

Pugh, Ava F. and Lenell Dukes-Bevens. *Planting Seeds in Young Minds*. Nov/Dec 87:19-21

Rice, Dale and Brenda Corley. *Talking Rocks*. Oct 87:15-17

Riddle, Bob. E.T., Call Name . . . or Phoenix, or Burbank. Jan 88:30-33

Robinson, Nancy P. *Sand and Things*. (Helpful Hints) Apr 88:27

Rutter, Roland and Ann Matta. *Science "Adoption"*. (In the Schools) Oct 87:39

Sadler, Philip and Alan Lightman. *The Earth Is Round? Who Are You Kidding?* Feb 88:24-26

Sandler, Judith Opert et al. . . . *About the New Science Curricula*. (What Research Says) May 88:35-39

Sanford, Frank. *Look! Another Caterpillar!* Feb 88:10-12; *Missing, Hissing Roach*. Apr 88:21, 40-41

Sarquis, Mickey and Betty Kibbey. *Science Carnival*. (In the Schools) Apr 88:36

Scarnati, James T. and Craig J. Tice. *Lighting That One Little Candle*. Mar 88:30-33

Schapp, Homer. *And the Slate Shale Be Cleaved*. Feb 88:34-35

Scruggs, Marie M. . . . *About Textbooks*. (What Research Says) Jan 88:24-25

Shafer, Kathryn E. and Clare B. Jones. *Simple Science*. (Early Childhood) Oct 87:32-33

Shaw, Edward L., Jr. *Students and Sponges—Soaking Up Science*. Sept 87:21

Shaw, Jean M. and Lina L. Owens. *Weather—Beyond Observation*. (Early Childhood) Nov/Dec 87:27-28

Shepard, Clinton L. *Sign Off*. (Helpful Hints) Apr 88:27

Shepard, Steven. *Science Shipboard*. (In the Schools) Feb 88:28

Shrigley, Robert L. *Inculcating Ideas*. Oct 87:13-14

Shu, F.M.S. (Letters) Jan 88:4

Silverman, Fredrick L. and John W. McBride. *Judging Fairs Fairly*. Mar 88:15-18

Smith, Hobart M. *Snakes as Pets*. Mar 88:36

Sonnier, Isadore L. (Letters) Nov/Dec 87:5

Speer, Henry and Alan Davis. *From 4th Grade to College*. (In the Schools) Mar 88:21

Streng, Evelyn. (Letters) Feb 88:6

Sullivan, Katie, Bob Belle, and Scott Jackson. *Okay, Kids, Everyone into the Pit!* May 88:15-17

Svatek, Martha. *Pondering the Pond*. (In the Schools) Oct 87:38

Thompson, Susan A. *It's Spud-Incarnal!* Oct 87:16-21

Tice, Craig J. and James T. Scarnati. *Lighting That One Little Candle*. Mar 88:30-33

Tingle, Joy. *Science Fairs . . . Unfair?* Nov/Dec 87:33-35

Twist, Gilbert. *The McKeever Experience*. (In the Schools) Nov/Dec 87:41

Van Cleaf, David and Patti Hamilton. *Taking Heart in Hand*. Feb 88:30-31

Van De Walle, Carol. *Water Works*. Apr 88:15-17

Verdon, Andrew J., Jr. (Letters) Feb 88:6

Victor, Robert C., Jenny L. Pon, and Robert D. Miller. *Sky Calendar*. (monthly)

Wahla, James. (Letters) Feb 88:6

Wandersee, James H. *Thank You, Microman*. (Helpful Hints) Apr 88:28

Weber, Suzanne and Linda Meisel. *Construct-A-Gut*. Oct 87:27-29

Weiss, Judith and Pamela Kogan. *10 Routes to Discovery*. (Helpful Hints) Apr 88:31

West, Rose. *Making Mitosis Handy*. (Helpful Hints) Sept 87:25; *Martians R Us*. Jan 88:26-28

Whitmore, Paul M. *Mapping a Course*. Jan 88:14-16

Widmer, E.L. *Splash Time*. (Early Childhood) Sept 87:46-48

Wiener, Geraldine. *Kaleidoscope Caper*. Sept 87:41-43

Wizecki, Edee Norman and Linda J. Morris. *Soap Meets*. (In the Schools) Mar 88:19

Worth, Karen et al. . . . *About the New Science Curricula*. (What Research Says) May 88:35-39

Wrhen, Linda, Beth Bodkin, and Ken Mechling. *Sabbatical Love Science*. Sept 87:16-17

Yager, Robert E. *Wanted: More Questions, Fewer Answers*. Sept 87:22

Yockey, Joann. *A Dry Subject Drier*. Feb 88:19-20

SUBJECT INDEX

Activities

All Bottled Up. (Helpful Hints) Betty R. Kibbey. Jan 88:22

A-Mapping We Will Go. Annette Chandler. Jan 88:17

Apple a Day. An. Marcia C. Linn. Nov/Dec 87:15-18

Construct-A-Gut. Suzanne Weber and Linda Meisel. Oct 87:27-29

Date with Science. Lynne Kepler. (monthly, starting in Feb 88)

Did Dinosaurs Die of Cress? (Helpful Hints) Doreen A. Croll. May 88:29

Does It Have Long Ears? (Helpful Hints) Nancy Kaplan. Apr 88:31

Down the Drain. (Helpful Hints) Dwight J. Dalton. May 88:30

Dry Subject Drier. A. Joann Yockey. Feb 88:19-20

Fair Test. (Helpful Hints) Martha Heilman and Richard McQueen. Apr 88:30

Going Japanese. (In the Schools) Wendy Feltham and Katsunobu Furihata. Feb 88:27-28

Growing Phenomenon. A. Mary Loleta Gwynn. Apr 88:25-26

Guess, Test, Tell. (Helpful Hints) Gary Appel. May 88:29

Hot Diggity Dog. Marilyn Fowler Cain. Nov/Dec 87:22-23

Invention Fair. (In the Schools) Judy Fields. Oct 87:39

Kaleidoscope Caper. Geraldine Wiener. Sept 87:41-43

Lighting That One Little Candle. James T. Scarnati and Craig J. Tice. Mar 88:30-33

Lights! Cornet! Action! Danielle Kahane and Elizabeth Jackson. Feb 88:13-15

O Christmas Tree. (In the Schools) Ann Landry and Delmar Janke. Nov/Dec 87:39-40

Okay, Kids, Everyone into the Pit! Bob Belle, Scott Jackson, and Katie Sullivan. May 88:15-17

Plastic Bottles. (Helpful Hints) David R. Flower. May 88:31

Pulling Science Out of a Hat. Clara J. Guerra. Mar 88:22-26

Rainbows. (Helpful Hints) Judy McKee. Apr 88:29

Reigning Monarchs. The Madalyn Brown and Jeffrey R. Lehman. Apr 88:12-14

Royal Flush. The Joan Braunagel McShane. Sept 87:29-32

Science Carnival. (In the Schools) Betty Kibbey and Mickey Sarquis. Apr 88:36

Science, Naturally. (In the Schools) Jenepher Lingelbach. Feb 88:28-29

17 Years in the Life. Perry N. Halkitis. Sept 87:15

Swap Meets. (In the Schools) Edee Norman Wizecki and Linda J. Morris. Mar 88:19

Thank You, Microman. (Helpful Hints) James H. Wandersee. Apr 88:28

Tast! Tongs. (Early Childhood) Lisa K. Alexander. Jan 88:23

Trash or Treasure? (Helpful Hints) Margaret E. Jackson. Apr 88:29

What Is Orange Drink? (Helpful Hints) Jane Ellison. May 88:28

Yuck Buckets. (In the Schools) Lois M. Hanebutt. Nov/Dec 87:40

Biology (Environmental and Natural Sciences)

Body Transparent. The. (Helpful Hints) Kathleen W. Browne. May 88:31

Construct-A-Gut. Suzanne Weber and Linda Meisel. Oct 87:27-29

Daddy Longlegs. (The Classroom Animal) David C. Kramer. Oct 87:24-26

Demise of the Inchworm. (Helpful Hints) Lawrence J. Bellipanni. May 88:30

Did Dinosaurs Die of Cress? (Helpful Hints) Doreen A. Croll. May 88:29

Does Microbiology Belong in Elementary Schools? Lucia Anderson. Sept 87:26-28

Fish Talk. (In the Schools) Bonnie Ackerman and Nancy Gumbinner. Apr 88:37

Flour Beetles. (The Classroom Animal) David C. Kramer. Feb 88:37

Growing Phenomenon. A. Mary Loleta Gwynn. Apr 88:25-26

It's Spud-Incarnal! Susan A. Thompson. Oct 87:18-21

Lights! Cornet! Action! Danielle Kahane and Elizabeth Jackson. Feb 88:13-15

Look! Another Caterpillar! Frank Sanford. Feb 88:10-12

Making Mitosis Handy. (Helpful Hints) Rose West. Sept 87:25

Microbiology for First Graders. Mary L. Beaney. Sept 87:23-25

Missing, Hissing Roach. Frank Sanford. Apr 88:21, 40-41

Neats. (The Classroom Animal) David C. Kramer. Nov/Dec 87:42-43

Periodical Cicada a.k.a. The 17-Year Locust. (The Classroom Animal) David C. Kramer. Sept 87:12-14

Pondering the Pond. (In the Schools) Martha Svatek. Oct 87:38

Reigning Monarchs. The. Madalyn Brown and Jeffrey R. Lehman. Apr 88:12-14

17 Years in the Life. Perry N. Halkitis. Sept 87:15

Snake in the Class. A. Eileen Hilke. Mar 88:34-35

Snakes as Pets. Hobart M. Smith. Mar 88:36

Students and Sponges—Soaking Up Science. Edward L. Shaw, Jr. Sept 87:21

Taking Heart in Hand. David Van Cleaf and Patti Hamilton. Feb 88:30-31

Up the Creek. Mary Reid Barrow. May 88:24-27

Earth and Space Science

Air Apparent. David A. Harbster. May 88:12-14

A-Mapping We Will Go. Annette Chandler. Jan 88:17

And the Slate Shale Be Cleaved. Homer Schamp. Feb 88:34-35

Buried Sunshine. Cleo B. Greenslade. May 88:21-23

Down the Drain. (Helpful Hints) Dwight J. Dalton. May 88:30

Earth Is Round? Who Are You Kidding?. The. Alan Lightman and Philip Sadler. Feb 88:24-26

E.T., Call Name . . . or Phoenix, or Burbank. Bob Riddle. Jan 88:30-33

Evening Skies. D. David Batch. (monthly)

Hot Diggity Dog. Marilyn Fowler Cain. Nov/Dec 87:22-23

How High Is Up? James L. Milson. Apr 88:18-20

Mapping a Course. Paul M. Whitmore. Jan 88:14-16

Martians R Us. Rose West. Jan 88:26-28

Rainbows. (Helpful Hints) Judy McKee. Apr 88:29

River at Gunpowder. (In the Schools) Jennifer Pahl. Apr 88:36

Sand and Things. (Helpful Hints) Nancy P. Robinson. Apr 88:27

Sign Off. (Helpful Hints) Clinton L. Shepard. Apr 88:27

Sky Calendar. Robert C. Victor, Jenny L. Pon, and Robert D. Miller. (monthly)

Soil of the Earth. Charles R. Barman. Jan 88:38-39

Sun and the Golf Ball. The. (Helpful Hints) Grace Muenke. Apr 88:30

Talking Rocks. Dale Rice and Brenda Corley. Oct 87:15-17

Water Works. Carol Van De Walle. Apr 88:15-17

Weather—Beyond Observation. (Early Childhood) Jean M. Shaw and Lina L. Owens. Nov/Dec 87:27-28

NSTA News

Association Affairs. (monthly)

Let NSTA Certify You. Oct 87:6

Letters. (most months)

NSTA Calendar. (monthly)

NSTA Computer Camp. Jan 88:29; April 88:50; May 88:51

NSTA Fall Conventions. Sept 87:50-55; May 88:46-51

NSTA Publications and Membership Brochure. Sept 87:65-80; May 88

NSTA 36th National Convention. Nov/Dec 87:46-49; Jan 88:40-47; Feb 88:46-56; Mar 88:42-46

Science and Children's OWN Contest announcement. May 88:10

Physics and Chemistry

Air Apparent. David A. Harbster. May 88:12-14

Bubbling Benkers. (In the Schools) Shannon McGinnis. Oct 87:38

Head for Chemistry. A. William Hanshumaker. Nov/Dec 87:24-26

Kaleidoscope Caper. Geraldine Wiener. Sept 87:41-43

Lighting That One Little Candle. James T. Scarnati and Craig J. Tice. Mar 88:30-33

Measure of the Magnet. The. Steve Fields. Nov/Dec 87:12-13

Mechanical Childhood. (Early Childhood) Karen K. Lind and Mary Jo Milburn. Feb 88:32-33

More for the Mechanical Child. (Early Childhood) Karen Lind and Mary Jo Milburn. Mar 88:39-40

Paddy and the Pulley. Nancy Kaplan. Jan 88:35-37

Pulling Science Out of a Hat. Clara J. Guerra. Mar 88:22-26

Reflections on Refraction. Mario Iona. May 88:18-20

Reflections on Refraction. William J. Beaty. May 88:18-20

Simple Science. (Early Childhood) Clare B. Jones and Kathryn E. Shafer. Oct 87:32-33

Splash Time. (Early Childhood) E.L. Widmer. Sept 87:46-48

Through the Magnifying Glass. Carolyn Hermann. Nov/Dec 87:36-38
24-Hour Clock, The. (Helpful Hints) Grace Muentz. Apr 88:30
What Is Orange Drink? (Helpful Hints) Jane Ellison. May 88:28

Research

... *About Stereotypes.* (What Research Says) Richard R. Powell and Jesus Garcia. Feb 88:21-22
 ... *About Teaching Nuclear War.* (What Research Says) Mary Hamm and Dennis Adams. Mar 88:37-38
 ... *About Textbooks.* (What Research Says) Marie M. Scruggs. Jan 88:24-25
 ... *About the New Science Curricula.* (What Research Says) William C. Kyle, Michael Kane, June Foster, Candace L. Juley, Janice Mokros, Rodger W. Bybee, Nancy M. Landes, Judith Opert Sandler, Karen Worth, and Carolee Matsumoto. May 88:35-39
From 4th Grade to College. (In the Schools) Alan Davis and Henry Speer. Mar 88:21
Introducing Science Research to Elementary School Children. Steve Fields. Sept 87:18-20
It's Spud-tacular! Susan A. Thompson. Oct 87:18-21
Science Inside-Out. (What Research Says) Carol Lloyd and Norma Contreras. Oct 87:30-31

Resources

Ad-untils. (most months)
Advertisers Index. (monthly)
In the News. (monthly)
National Science and Technology Week. April 24-30, 1988. (poster) National Science Foundation. Mar 88:32
NSTA Supplement of Science Education Suppliers 1988. Jan 88:29-108
Outstanding Science Trade Books for Children in 1987. Mar 88:50-54
Writing for Science and Children. (Writers' guidelines) Sept 87:10; Feb 88:61

Science Methods, Curriculum, Philosophy

... *About Teaching Nuclear War.* (What Research Says) Mary Hamm and Dennis Adams. Mar 88:37-38
 ... *About Textbooks.* (What Research Says) Marie M. Scruggs. Jan 88:24-25
 ... *About the New Science Curricula.* (What Research Says) William C. Kyle, Michael Kane, June Foster, Candace L. Juley, Janice Mokros, Rodger W. Bybee, Nancy M. Landes, Judith Opert Sandler, Karen Worth, and Carolee Matsumoto. May 88:35-39
Change and Children. Karen Ostlund and Kathy Fite. Jan 88:20-22
Does Microbiology Belong in Elementary Schools? Lucia Anderson. Sept 87:26-28
Escape from the Classroom. (In the Schools) Bruce Bauerle. Oct 87:38
Facts from Fiction. Carol Butzow and John Butzow. Mar 88:27-29
Firsthand Experience=Firsthand Knowledge. Michael Kotar. May 88:40
Harvesting a Curriculum. Carolyn J. Nelson. Apr 88:22-24
Highest Tech Science. (In the Schools) Lorne Cook. Mar 88:19
Homework Coupons. (Helpful Hints) Eugenie Podojil. Feb 88:23
Inoculating Ideas. Robert L. Shrigley. Oct 87:13-14
Introducing Science Research to Elementary School Children. Steve Fields. Sept 87:18-20
Judging Fairs Fairly. John W. McBride and Fredrick L. Silverman. Mar 88:15-18
Looking for (Another) Summer Project? May 88:34
McKever Experience, The. (In the Schools) Gilbert Twiest. Nov/Dec 87:41
Making Connections. Wally Crichton. Feb 88:16-18
Mechanized Childhood. (Early Childhood) Karen K. Lind and Mary Jo Milburn. Feb 88:32-33
More for the Mechanized Child. (Early Childhood) Karen Lind and Mary Jo Milburn. Mar 88:39-40
Museum as Science Teacher. The Charles R. Ault, Jr. Nov/Dec 87:8-11
No Ordinary Field Trip. (In the Schools) Walter G. Perrine. Nov/Dec 87:39
Paddy and the Pulley. Nancy Kaplan. Jan 88:35-37
Phantom Johnny, Real Science. Donna Hare. Oct 87:34-36
Planting a Museum. E. Thomas Hughes and Meredith Sayles Hughes. Oct 87:22-23

Planting Seeds in Young Minds. Ava F. Pugh and Lenell Duker-Bevans. Nov/Dec 87:19-21
PWEEPlE to PWEEPlE. (In the Schools) Wendy E. Beckemeier. Mar 88:21
Right Test for Hands-On Learning? The George E. Hein. Oct 87:8-12
River at Gunpowder. (In the Schools) Jennifer Pahl. Apr 88:36
Sabbatical Leave Science. Beth Bodkin, Linda Wrhen, and Ken Mechling. Sept 87:16-17
Science "Adoption." (In the Schools) Roland Rutter and Ann Matta. Oct 87:39
Science Fairs . . . Unfair? Joy Tingle. Nov/Dec 87:33-35
Science Leadership. (In the Schools) Raymond W. Beisel. Apr 88:37
Science Saves Johnny. Linda W. Crow. Oct 87:37
Science Shipboard. (In the Schools) Steven Shepard. Feb 88:28
Scientific Method, The: A Primer. (Teaching Teachers) Don Nelson. May 88:32-33
Sign Off. (Helpful Hints) Clinton L. Shepard. Apr 88:27
Students Alike. (In the Schools) Judi Hechtman. Mar 88:20-21
Teachers for a Day. (In the Schools) Susan Higle. Nov/Dec 87:41
Telling Ain't Teaching. (Helpful Hints) Joe Howard. May 88:28
10 Routes to Discovery. (Helpful Hints) Pamela Kogan and Judith Weiss. Apr 88:31
3-D Potpourri. (Early Childhood) Carolyn Petty. Apr 88:32-34
Wanted: More Questions, Fewer Answers. Robert E. Yager. Sept 87:22
What? Me Teach? Maeve Zamarchi Foley. Jan 88:10-13
Your Basic Principal of Science. Kenneth R. Mechling and Donna L. Oliver. Mar 88:12-14

REVIEW INDEX

Resources Reviews (reviewer's name)

Amelia Earhart: Aviation Pioneer. (Henry J. Bindel, Jr.) Feb 88:42
Anne Morrow Lindbergh: Pilot and Poet. (Henry J. Bindel, Jr.) Apr 88:55
Banner, The. (Michael Bowden) Sept 87:86
City Gese. (Miram R. Buckland) Apr 88:55
Crocodile and the Crane, The. (Donna Schumann) Feb 88:43
Danger Colors. (Patricia E. Blosser) Sept 87:86
Dinosaurs and Other Archosaurs. (Henry J. Bindel, Jr.) Sept 87:81-83
Discovering Butterflies. (Peter C. Gega) Sept 87:83-84
Discovering Frogs. (Peter C. Gega) Oct 87:50
Discovering Traces. (Peter C. Gega) Oct 87:53
Dive to the Coral Reefs. (Miram R. Buckland) Feb 88:42
Earthworms, Dirt, and Rotten Leaves. (Julius Schwartz) Oct 87:50-53
Exploring the Sea. (Henry J. Bindel, Jr.) Jan 88:52
Friendly Prairie Dog, The. (Paul E. Blackwood) Feb 88:42
Giant Panda, The. (Karen K. Lind) Sept 87:84
Hands-on Nature. (Fred Cook) Feb 88:43
Hello? Who's Out There? (John S. Heck) Apr 88:54-55
Hide and Seek. (Patricia E. Blosser) Oct 87:53
Hungry, Hungry Sharks. (Donna N. Schumann) Feb 88:42-43
Icebergs and Glaciers. (Phyllis Katz) Apr 88:54
Isaac Asimov: Scientist and Storyteller. (Cynthia Sunal) Feb 88:42
Journey to the Planets. (Henry J. Bindel, Jr.) Feb 88:42
Largest Dinosaurs. (The Karen K. Lind) Oct 87:50
Land Condo, The. (Donald H. Messersmith) Jan 88:52
Lies (People Believe) About Animals. (Alice J. Moses) Feb 88:43
Life of the Butterfly, The. (Paul E. Blackwood) Apr 88:54
Life of the Snail. (Michael Bowden) Oct 87:55
Mushrooms. (Glenn O. Blough) Mar 88:63
Nature's Hidden World: The Frozen North, Ocean Dwellers, Prairie Dwellers, Animals of the Season. (Phyllis Katz) Sept 87:84
Nature with Art: Classroom and Outdoor Art Activities with Natural History. (Jack Wheatley) Jan 88:52
One Day on Pika's Peak. (Sheila Jasalovich) Jan 88:52
Photonic: The New Science of Light. (Peter Gega) Sept 87:81
Random House Library of Knowledge, The: The Animal World from Single-Cell Creatures to Giants of the Land and Sea. (Alice J. Moses) Apr 88:54
Science for Children: A Book for Teachers. (Henry J. Bindel, Jr.) Sept 87:86

Science in Elementary Education. (Patricia E. Blosser) Oct 87:55
Secrets in the Meadow. (Michael Bowden) Sept 87:81
Sharks: The Super Fish. (Ronald C. Wise) Apr 88:54
Simple Science. (Gerard F. Consuegra) Sept 87:83
Tasmania: A Wildlife Journey. (Phyllis Katz) Apr 88:55
Teaching and Learning Primary Science. (Mary R. Harbeck) Apr 88:63
Throwing Things Away. (Phyllis Katz) Oct 87:53
What the Elephant Was. (Louise Ritsema) Sept 87:84-86
Wheels at Work. (Charles Barman) Feb 88:42
Where Animals Live: The World of a Jellyfish. (Stanley L. Helgeson) Apr 88:54
Where Animals Live: The World of Butterflies. (Stanley Helgeson) Apr 88:55
Where Animals Live: The World of Chickens. (Stanley L. Helgeson) Apr 88:55
Where Animals Live: The World of Swans. (Stanley L. Helgeson) Feb 88:43
Your Two Brains. (Julius Schwartz) Feb 88:43

Software Reviews (reviewer's name)

Adaptations and Identification. (Robert Fetonti) Feb 88:40
An Experience in Artificial Intelligence. (Margaret Steinheimer) Apr 88:45-46
Ant Farm. (Larry and Kathi Hovey) Nov/Dec 87:50
Benchmarking Treasures. (Philip W. Kuhl) Nov/Dec 87:51
Biomex. (William H. Conrad) May 88:43
Body Systems II Series: The Blood System: A Liquid of Life. (William H. Conrad) Feb 88:41
Classifying Animals Without Backbones. (Norma N. Mackenzie) Oct 87:41
Clock Works. (Kathe Eugster) Sept 87:45
Desert, The. (Mikal Abdur-Rahman) Apr 88:44
Drug Alert! (Alan Lipman) Oct 87:41
Drug Education Series: "Drugs—Their Effects on You." (William H. Conrad) Mar 88:48
Drug Education Series: Drugs—Who's in Control? (William H. Conrad) Nov/Dec 87:50
Food for Thought. (Robert Fetonti) May 88:42
Genetic Engineer's Toolbox. (William H. Conrad) Oct 87:42
Genetics. (Charles K. Jervis) Jan 88:49
Genetics. (Norma N. Mackenzie) Nov/Dec 87:50
Geologic History. (Terry Logue) Jan 88:49
Geology in Action. (Cordon E. Elliott) May 88:43
Geoworld. (Lilyan Mastrolia) Feb 88:49
Heat and Light. (Robert Fetonti) Mar 88:47
In Search of Space: Introduction to Model Rocketry. (Terry Logue) Mar 88:48
Introduction to Biochemistry. (Marion Williams) May 88:42
Make-A-Match. (Robert Fetonti) Oct 87:40-41
Master Mapper. (Bruce E. Parks) Apr 88:46
Microcomputer Based Lab Project, The: Motion, Sound. (Arthur Lebofsky) Jan 88:46-49
Microscope Simulator, The. (Larry and Kathi Hovey) Jan 88:49
Molecular Animator. (Arthur J. Repak) Oct 87:41-42
Moving Molecules. (Kenneth W. Carlson) Sept 87:44
Odell Lake. (William Conrad) Apr 88:45
Orbiter: Space Shuttle Simulation. (Larry and Kathi Hovey) Sept 87:45
Reading for Information: Level II. (Arthur J. Repak) Jan 88:48
Recycling Logic. (Margaret Steinheimer) May 88:42
Safety First. (Philip W. Kuhl) Apr 88:45
Science Courseware: Earth Science Series. (Alan Lipman) Mar 88:47
Science Courseware: Life Science/Biology. (Kathi and Larry Hovey) Feb 88:41
Science Courseware: Physical Science. (Kenneth W. Carlson) Apr 88:44-45
Science #1: The Environment. (Alan Lipman) Sept 87:45
Science #3: Matter—Gas, Liquid, and Solid. (Alan Lipman) Nov/Dec 87:51
Science Professor Series, The: Muscles and Bones. (Robert Fetonti) Oct 87:40
Science Square-Off. (Marion Williams) Apr 88:44
Science Toolkit Module 2: Earthquake Lab. (Terry Logue) Feb 88:40
Shaping the Earth's Surface. (Philip W. Kuhl) Oct 87:42
Software Films: Learning About Science Series. (Arthur Lebofsky) Mar 88:49
Test Quest: Test Generating Program. (Arthur J. Repak) Nov/Dec 87:51
Tyrannosaurus Rex. (Philip W. Kuhl) Sept 87:44
Uncertainties and Measurement. (Lilyan Mastrolia) Mar 88:48
Watts in a Home. (Bruce E. Parks) May 88:43
Wiz Works. (Arthur Lebofsky) Jan 88:50